

## **Appendix 3-B**

### **MISC. DATA**



United States  
Department of  
Agriculture

Soil  
Conservation  
Service

350 North 4th East  
Price, Utah 84501

September 26, 1983

Mel Coonrod  
Co-op Mine  
P. O. Box 358  
Elmo, Utah 84521

Dear Mel,

**Trail Canyon Reference Area:**

Pinyon-Juniper Grass Site

The production is 650 lbs herbage production for this year. The range site condition is good.

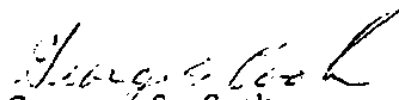
**Trail Canyon Riparian Reference Area:**

The production is 2,650-3,000 lbs/acre. The condition is fair.

**Bear Canyon Comparative Area:**

Pinyon-Juniper Grass Site

The production is 600 lbs/acre. The range site condition is fair.

  
George S. Cook  
Range Conservationist

388 East Boynton Road • Kaysville, Utah 84037 • (801) 544-3641

George A. Morris  
Forest Supervisor  
United States Department of Agriculture  
Forest Service, Manti-LaSal National Forest  
599 West Price River Drive  
Price, Utah 84501 Larry B. Dalton

19 December 1990

George A. Morris:

Ref: Federal Lease, Bear Canyon Mine, Co-Op Mining Co., Bear Creek Canyon, Huntington Canyon Area, Emery County, Utah

The Utah Department of Oil Gas and Mining has requested that Co-Op Mining Company verify through the appropriate agencies the status of any threatened or endangered plants expected within the federal lease area. The mine is located as listed below:

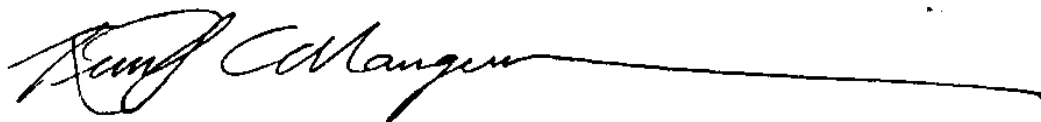
Fee Land, T16S, R7E SLBM, Sec. 14; S1/2, Sec. 23: E1/2, E1/2 NW1/4, E1/2 SW1/4, Sec. 24: All land West of North-South Trending Bear Canyon Fault, Section 25: All land West of North-South Trending Bear Canyon Fault, Sec. 26: NE1/4 NE1/4, NW1/4 NE1/4, N1/2 SW1/4 NE1/4 and the access/haul road and topsoil storage area as shown on plate 2-1 of the Mining and Reclamation Plan.

Federal Lease U024316, T16S, R7E SLBM, Sec. 13 W 1/2 W 1/2, Sec. 14 E 1/2 NW 1/4, NE 1/4

Federal Lease U024318, T16S, R7E SLBM, Sec. 26 E 1/2 NW 1/4

If you can provide this information please forward a statement suitable for submittal to DOGM as soon as possible to the address listed on this letter, so I can meet DOGM requirements. If you have any questions please call. I can be reached at 521-3739 during the day.

Thank you,

  
Kimly C. Mangum, P.E.

Reply to: 2820

Date: January 29, 1991

Kim Mangum  
Mangum Engineering Consultants  
388 East Boynton Road  
Kaysville, Utah 84037

Re: Federal Lease, Bear Canyon Mine, Co-op Mining Co., Bear Creek Canyon  
Huntington Canyon area, Emery County, Utah.

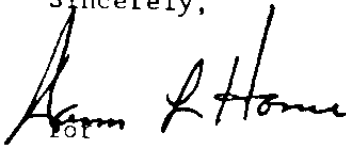
Dear Mr. Mangum:

Our plant specialist, Bob Thompson, found in Bear Creek just below the Bear Canyon mine properties the sensitive plant species, Hedysarum occidentale var canone, canyon sweet vetch. There is a good sized population, 50 to 100 plants in this area.

This plant has not been looked for on the mine properties as such but habitat exists in the canyon on and adjacent to the mine area in Bear Canyon.

It should be looked for in the Federal lease area.

Sincerely,



GEORGE MORRIS  
Forest Supervisor

United States  
Department of  
Agriculture

Forest  
Service

Manti-La Sal N.F.

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Date: November 4, 1993

Co-op Mine  
P.O. Box 1245  
Huntington, Utah, 84528

Dear Sirs:

The area proposed for the new road extension on the south facing slope above the existing mine areas was inspected for threatened, endangered and sensitive plant species on Nov. 4, 1993 by Robert M. Thompson, USFS Botanist.

No habitat or population of any listed TE & S plant species were found within the proposed road extension area. This area is clear of any TE & S plant species.

Canyon Sweet Vetch, *Hedysarum occidentals* var. *canone* does occur on the mine property along Bear Creek bottom areas. This plant or its existing habitat will not be impacted by this proposed activity.



Robert M. Thompson  
Botanist

UNITED STATES  
DEPARTMENT OF  
AGRICULTURE

SOIL  
CONSERVATION  
SERVICE

350 NORTH 400 EAST  
PRICE, UTAH 84501

August 19, 1994

Charles Reynolds  
CO-OP Mining Company  
P.O. Box 1245  
Huntington, Utah 84528

Dear Mr. Reynolds:

The information on the reference areas is as follows:

Shower House Reference Area -

Grass Pinyon Shrub Site

The production is 900 lbs. herbage air dry per acre.

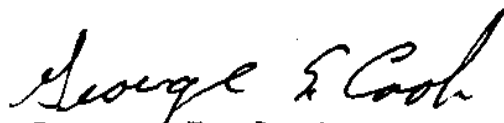
The condition is good and the potential production will also be about 900 lbs. per acre.

The Tank Seam Reference Area -

Pinyon Juniper grass curlleaf mountain mahogany site.

The production is 700 lbs. herbage air dry per acre.

The condition is good to excellent and the potential production will also be 700 lbs. per acre.

  
George S. Cook  
Range Conservationist